Kuke uritskiy, USSR/Physics - Residual stresses

FD-1075

Card 1/1

Pub. 153 - 11/24

Author

: Garf, S. Ye., and Kukeuvitskiy

Title

: Residual stresses in piston rings

Periodical

Zhur. tekh. fiz., 24, No 10, 1830-1833, Oct 1954

Abstract

The authors describe the residual stresses in piston rings made of "steel 45" (average composition: 0.45% C, 0.65% Mn, 0.27% Si) in

the case of surface induction hardening.

Institution:

Submitted: March 25, 1954

和国内的国际的最后,但是不是一种企业的。 第一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们

KUKEYEV. T.K.

Oxygen therapy in obliterating endarteritis. Zdrav. Kazakh. 21 no. 4:19-22 \*61. (MIRA 14:4)

l. Iz kafedry gospital noy khirurgii (zav. - professor M.I. Bryakin) Kazakhskogo meditsinskogo instituta. (ARTERIES-DISEASES) (OXYGEN-THERAPEUTIC USE)

# KUKEYEV, T. K.

Repeatedly recurring multiple lipomas of the retroperitoneal space. Zdrav. Kazakh. no.4:24-25 62. (MIRA 15:6)

1. Iz kafedry gospital'noy khirurgii (zav. - professor M. I. Bryakin) Kazakhskogo meditsinskogo instituta.

(RETROPERITONEAL SPACE\_TUMORS)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

#### KUKEYEV T.K.

Data on the comparative evaluation of the results of treating endarteritis obliterans by intra-arterial administration of some medical substances. Zdrav. kazakh. 21 no.12:8-13 '61. (MIRA 15:3)

1. Iz kafedry gospital noy khirurgii (zav. - prof. M.I. Bryakin) Kazakhskogo meditsinskogo instituta.

(ARTERIES - DISEASES)

(ANESTHETICS)

(ADENOSINE TRIPHOSPHATES) (MAGNESIUM SULFATE - THERAPEUTIC USE)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

KISELEV, L.L.; FROLOVA, L.Yu.; BORISOVA, O.F.; KUKHANOVA, M.K.

Secondary structure of transfer RNA determined from data of its formaldehyde reaction and ribonuclease hydrolysis. Biokhimiia 29 no. 1:116-125 Ja-F '64. (MIRA 18:12)

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR, Moskva. Submitted May 23, 1963.

KUKHANOVA, M.K.; KISELEV, L.L.; FROLOVA, L.Yu.

Changes in the acceptor activitu of soluble ribonucleic acids during interaction with formaldehyde. Biokhimiia 28 no.6: 1053-1058 N-D'63 (MIRA 17:1)

1. Institute of Radiation and Physical-Chemical Biology, Academy of Sciences of the U.S.S.R., Moscow.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

EWT(1)/EWA(1)/EWT(m)/EWA(b)-2 JK/RM SOURCE CODE: UR/0020/65/164/006/1417/1420 ACC NR: AP5027236 AUTHOR: Kukhanova, M. K.; Kaverin, N. V. ORG: Institut of Molecular Biology, Academy of Sciences, SSSR (Institut molekulyarnoy biologii Akademii nauk SSSR); Institute of Virtuology im-D. I. Ivanovskiy, Academy of Medical Sciences, SSSR (Institut virusologii Akademii meditsinskikh nauk SSSR) TITLE: Mechanism of depression of protein synthesis in cells infected with the virus of Newcastle disease SOURCE: AN SSSR. Doklady, v. 164, no. 6, 1965, 1417-1420 TOPIC TAGS: cell physiology, protein, virus disease, erganic synthetic process, RNA, cytology, enzyme, biosynthesis ABSTRACT: Earlier authors have suggested a breakdown of cellular polyribosomes as the reason for depressed protein synthesis under these conditions. In the search for additional reasons the authors used chicken embryo cells infected with RNA containing Newcastle disease virus, determined hemagglutinin in the cell cultures at various periods after infection, used C<sup>14</sup> to label the aminoacids in the cell protein, and isolated the ribosome fractions for study. It was found that a Card 1/2

L 10550-66

ACC NR: AP5027236

2

decrease of Cl4 aminoacids in total cell protein accompanied synthesis of the virus hemagglutinin. Protein synthesis dropped 2.5 fold 7½ hours after infection. Hemagglutinin synthesis started after 5 hours to reach maximum after 11 hours. Content of Cl4 aminoacids in the cellular polyribosomes (fractions 1-15) decreased 1.5-2 fold after 7½ hours while optical density at 260 mm, which is a measure of ribosome quentity, remained practically unchanged for 7½ hours. It was concluded that there is a stage after infection where the rate of cellular protein synthesis is reduced in the presence of intect polyribosomes. Why the polyribosomes work with considerably less efficiency at this stage is not yet understood. The activity of pH enzymes remained about the same for 12 hours. A small part of polyribosomes might be linked to the virus RNA psince hemagglutinin snythesis starts at about that stage. Decreased efficiency of intact ribosomes under these conditions has not yet been reported in the literature. This shows that the regulatory mechanism of protein synthesis acts not only on the genetic level but also at the stage of the still functioning polyribosome complex. This mechanism might be related not only to depressed protein synthesis in virus infection but also to the question of cellular protein synthesis regulation. The authors wish to thank L. L. Kiseleva for her evaluation of the manuscript and her valuable advice. Orige art. has: 3 figures.

SUB CODE: 06 / SUBM DATE: 280ct64/ ORIG REF: 001/ OTH REF: 008

SIDEL'KOVSKIY, L.N., kand. tekhn. nauk, dotsent; SHCHEVELEV, V.N., inzh.; KUKHANOVICH, A.I., inzh.

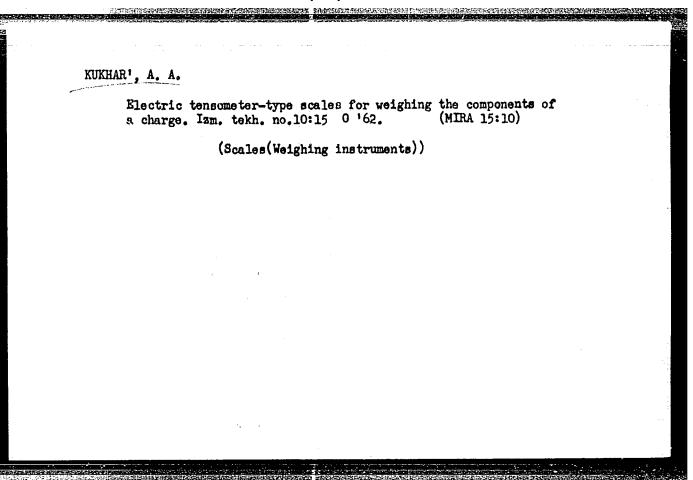
Study of laws governing surface erosion in a fluidized bed. Izv. vys. ucheb. zav.; energ. 7 no.7:48-59 Jl '64 (MIRA 17:8)

1. Moskovskiy ordena Lenina energeticheskiy institut. Predstavlena kafedroy ognevoy promyshlennosti. teplotekhniki.

# KUKHAR!, A.A.

Equipment for checking and repairing electric tensiometering balances and dynamometers. Izm.tekh. no.7:10-11 J1 '62. (MIRA 15:6) (Tensiometers-Testing) (Dynamometers-Testing)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"



Mechanizing scale-checking operations. Izm.tekh. no.11:18-19
N '62. (Scales (Weighing instruments)—Testing)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

KUKHAR!, F.I.; ANASHKIN, G.I.

Experience in starting and setting boilers with a three-stage evaporation system and external cyclones. Sakh. prom. 35 no.2:42-46 F '61.

(MIRA 14:3)

1. Korenovskiy askharnyy zavod (for Kukhar\*). 2. \*Promstromenergo-montazh\* (for Anashkin).

(Korenevo-Sugar industry-Equipment and supplies)
(Boilers)

KUKHAR', I.

Source of fertility. Zemledelie 26 no.3:77 Mr '64. (MIRA 17:4)

l. Predsedatel' kolkhoza imeni Vladimira Il'icha Leninskogo proizvodstvennogo upravleniya Moskovskoy oblasti.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

STREL'TSOV, O.A.; RUSOV, M.T.; (KUKHAR', L.A.; LOZA, A.N.

Dependence of the activity of the ammonia catalyst GK-1 on the rate of gas flow in the course of the reduction.

Kin. i kat. 1 no. 4:597-603 N-D '60. (MIRA 13:12)

1. Institut fizicheskoy khimii imeni L.V. Pisarzhevskogo AN USSR.

(Reduction)

(Catalysts)

VLASENKO, V.M.; KUKHAR¹, L.A.; RUSOV, M.T.; SAMCHENKO, N.P.

Adsorption of hydrogen and carbon monoxide on a nickel catalyst. Kin. i kat. 5 no.23337-344 Mr-Ap 164.

(MIRA 17:8)

1. Institut fizicheskoy khimii imeni Pisarzhevskogo AN UkrSSR.

VLASEEKO, V.M.; KUKHAR', L.A.; ROZENFEL'D, M.G.; RUSOV, M.T.

State of the promoting potassium salt added to a zinc-chromium catalyst of isobutyl alcohol synthesis.

Khim.prom. no.9:555-558 Ag '62. (MIRA 15:9)

(Isobutyl alcohol)

(Catalysts)

NAYDENOVA, A.B.; KUKKAR', T.I.; BABICHEVA, M.M., ekonomist

Let's improve the planning and economic work in telecommunication enterprises. Vest. sviazi 24 no.3:14-15 Mr '64. (MIRA 17:4)

1. Zumestitel' nackal'nika planovo-ekonomicheskogo upravleniya Ministerstva svyazi Litovskoy SSR (for Naydenova). 2. Nachal'nik planovo-finansovogo otdela Lipetskogo oblastnogo upravleniya svyazi (for Kukhar'). 3. Ssaratovskiy gorodskoy radiouzel (for Babicheva).

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

KUKHAR!, V.A.

Standard reference data is a basis for efficient design. Standartizatsiia 29 no.7:8-10 Jl '65. (MIRA 18:11)

1. Glavnyy spetsialist Gosudarstvennogo komiteta standartov, mer i izmeritel'nykh priborov SSSR.

KUKITAK, V.A.

Conference on the improvement of the standardization and measuring equipment in our country, izm. tekn. ro.4:46-48

Ap 165. (MIRA 18:7)

SHVETSOV, Konstantin lvanovich; BEVZ, Grigoriy Fetrovich; KURHARI,
V.M., red., red., red., KOSNITSER, D.H., red.

[Textbook on elementary mathematics; arithmetics, algebra]
Spravochnik pr elementarnoi matematike; arithmetika, algebra.
Kiev, Naukova dumka, 1965. 414 p. (MIRA 18:9)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

KUKHARI, V. M.

KUPMAR', V. M. -- "The Development of the Concept of Number in the Intermediate School." Kiev State Pedagogical Instiment A. M. Gorikiy. Kiev, 1955. (Dissertation for the Degree of Candidate in Pedagogical Sciences)

SO: Knizhnaya Letopis', No 1, 1956

ACC NR AP7000243 SOURCE CODE: UR/0079/66/036/004/0735/0738 AUTHOR: Shevchenko, V. I. Kukhar', V. P. ORG: Institute of Organic Chemistry, AN UkrSSR (Institut organicheskoy khimii AN UkrSSR) TITLE: Reactions of dinitriles of succinic and fumaric acids with phosphorus Moscow, Zhurnal Obshchey Khimii, Vol 36, No 4, 1966, pp 735-738 Abstract: Dinitrilos of succinic, fumaric, and chloromalcic acids react with phosphorus pentachloride in boiling chlorobenzene to form cyclic 2,3,4-trichloro-5-imino-N-tetrachlorophosphoruspyrrolenine. The structure of the latter was confirmed by infrared spectra. It is extremely stable to the action of halogens and halogen compounds of phosphorus. It reacts readily with nucleophilic reagents water, alcohols, amines, and amides of acids. It reacts with benzenesulfamide according to the Kirsanov scheme, to form 2,3,4-trichloro-5-iminopyrrolenyldichlorophosphazosulfonylphenyl, which is readily hydrolyzed by atmospherio moisture, forming dichloromaleimide. Under the action of acetic acid or sulfur dioxide, the original iminopyrrolenine is readily converted to 2.3.4-trichloro-5-imino-N-dichlorophosphonylpyrrolenine. / /JPRS: 37.177 Card 1/2 UDC: 547.461.4

UB CODE: 07 / SUBM DATE: 13 May 65 / ORIG REF: 003 / OTH REF: 002	OPIC TAGS	d organ	ic compou	ind	,		compou	anag Lupes	LIC ACI	u ,	,	
	UB CODE:	07 / S	UBM DATE:	13 May	65 / OR	IG REF:	003 /	OTII REF	002	· .	•	1,,
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KRETOV, A.Ye.; ABRAZHANOVA, Ye.A.; ZLOTCHENKO, S.I.; KUKHAR', V.P.

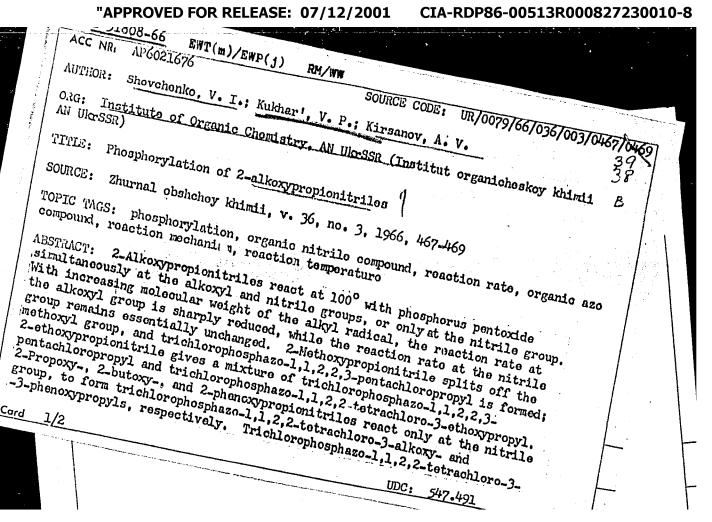
Arene sulfamido ketones. Zhur.ob.khim. 33 no.7:2355-2357 Jl
'63. (Acetophenone) (Sulfamide)

(Acetophenone) (Sulfamide)

# "APPROVED FOR RELEASE: 07/12/2001 CIA-RDI

CIA-RDP86-00513R000827230010-8

L 1036 1-67 GEP (1)/EVT (m) ACC NR: AP7003110 SOURCE CODE: UR/0079/66/036/007/1260/1262 Shevchenko, V. I.; Kukhar', V. P. AUTHOR: ORG: Institute of Organic Chemistry, AN UkrSSR (Institut organicheskoy khimii AN Ukrask) TITIE: Omega, omega'-bistrichlorophosphazo-alpha, alpha, beta, beta, alpha, alpha, beta', beta'-octachloroalkenes SOURCE: Zhurnal obshchey khimii, v. 36, no. 7, 1966, 1260-1262 TOPIC TAGS: organic nitrile compound, phosphorus chloride, phosphorylation Dinitriles of higher omega, omega'-dibasic carboxylic acids, ABSTRACT: beginning with glutaremitrile, react with phosphorus pentachloride at both nitrile groups simultaneously, forming omega, omega! -bistrichlorophosphazoalpha, alpha, bota, bota, alpha', alpha', bota', bota'-octachloroalkenos. / No cyclic phosphorylation products could be obtained, nor could the reaction be conducted on only one nitrile group. The phosphazo-compounds with an odd number of methylene groups were difficult to crystallize and malted at a temperature lower than their closest homologs with an oven number of methylene groups. Bistrichlorophosphazooctachloroalkenes word readily hydrolyzed by atmospheric melabure and reacted readily with amines, alcohole, and acids. The reaction thish account acid yielded dichlorides of N.N'-bisdichlorophosphonyl-alpha, alpha, alpha/, alpha/-votrachloro-omega, omega/-bisiminocarboxylic acids. Orig. art. hao: 2 tables. [JPRS: 38,970] SUB CODE: C7 / SUBM DATE: 25Jun65 ORIG REF: OOA



FRETCY, A.Ye. [decemed]; ABRAZHAHOVA, Ye.A.; KUKHAR', V.P.

Oximes of alkoxy- and aroxycyclohexanones. Zhur. org. khim. 1 no.6: 1021-1022 Je '65. (MIRA 18:7)

#### 

BARAMBOYM, N.K., doktor khimicheskikh nauk, prof.; KUKHARCHIK, M.M., aspirant

Investigating the properties of solutions of watersoluble polymer mixtures. Nauch. trudy MTILP nc.30:108-116 164.

(MIRA 18:6)

1. Kafedra fizicheskoy i kolloidnoy khimii Moskovskogo tekhnologicheskogo instituta legkoy promyshlennosti.

KUKHARCHIK, M.M., aspirant; BARAMBOYM, N.K., prof., doktor khim. nauk

Basic characteristics of the solutions of polymer mixtures. Nauch. trudy MTILP 25:106-117 '62. (MIRA 16:8)

1. Kafedra fizicheskoy i kolloidnoy khimii Moskovskogo tekhnologicheskogo instituta legkoy promyshlennosti.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

KUKHARCHIK, M.M., aspirant; BARAMBOYM, N.K., doktor khimicheskikh nauk, prof.

Characteristics of the methods for the analysis of the aqueous solutions of polymers. Nauch. trudy MTILP no.29:117-126 164.

(MIRA 18:4)

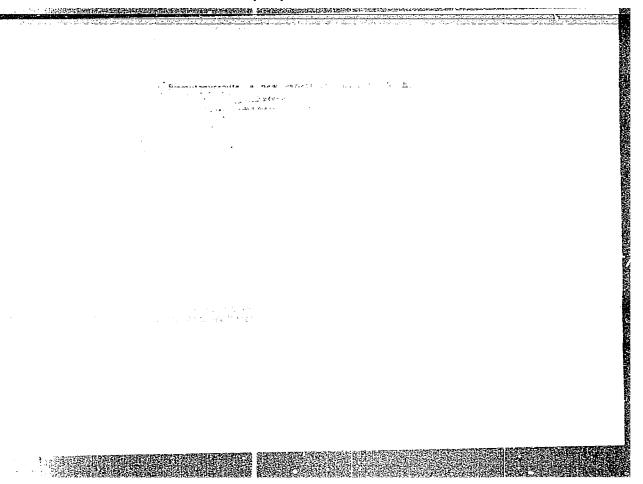
1. Kafedra fizicheskoy i kolloidnoy khimii Moskovskogo tekhnologi-cheskogo instituta legkoy promyshlennosti.

SIROTKIN, Z.L.; KUKHARCHIK, M.P.

Factors affecting the stability of a high carrying-capacity tractor train. Avt. prom. 28 no.7:23-27 J1 162.

(MIRA 16:6)

1. Belorusskiy avtosavod 1 Minskiy avtozavod. (Tractor trains)



TIKHONENKOV, I.P.; KUKHARCHIK, M.V.; PYATENKO, Yu.A.

Wadeite from the Khibiny Massif and the conditions of its formation. Dokl. AN SSSR 134 no.4:920-923 0 160. (MIRA 13:9)

1. Institut mineralogii, geokhimii i kristallokhimii redkikh elementov Akademii nauk SSSR. Predstavleno akad. N.V.Belovym. (Khibiny Mountains---Wadeite)

KALITA, A.P.; EYKOVA, A.V.; KUKHARCHIX, M.V.

Varieties of pyrochlore and betafite in pegmatites. Trudy IMCRE (MIRA 16:1)

(Pyrochlore) (Betafite) (Pegmatites)

KUKHARCHIK, N. [Kucharczyk, N.]; ZHVAKOVA, A. [Zvakova, A.]

Identification of catalytic oxidation products of some pyridine bases by the air in the presence of ammonia. Coll Cz Chem 28 no.1:55-60 Ja '63.

1. Nauchno-issledovatel'skiy institut kokspkhimii, Zavody im. Urksa, Ostrava.

KOVAL', N.M., nauchnyy sotr., kand. sel'khoz. nauk; GERMAN, Ya.B., starshiy nauchnyy sotr.; BIKTUKOV, Yu.V., starshiy nauchnyy sotr.; MAKT'YANOVA, O.A., starshiy nauchnyy sotr.; SHASHKOV, I.G., nauchnyy rabotnik; KORSHAK, I.T.; EROZHEYT, M.F.; KUKHARCHUK, G.N.; YEFREMOV, N.V., red.; CHEREVATSKIY, S.A., tekhn. red.

[Technological charts for grape cultivation] Tekhnologicheskie karty po vozdelyvaniiu vinograda. Kiev, Gos.izd-vo sel'khoz. lit-ry USSR, 1961. 141 p. (MIRA 15:3)

1. Ukreinskiy nauchno-issledovatel skiy institut vinogradarstva i vinodeliya im. Tairova (for Koval', German, Biryukov, Mart'yanova). 2. Zakarpatskaya opytnaya stantsiya (for Shashkov). 3. Ministerstvo sel'skogo khozyaystva USSR (for Korshak, Brozheyt, Kucharchuk). (Ukraine--Viticulture)

Kun Mar 19 haz diel fe AGALINA, M.S., inzh.; AKUTIN, T.K., inzh.; APRESOV, A.M., inzh.; ARISTOV, S.S., kand. tokhn. nauk,; BELOSTOTSKIY, O.B., inzh.; BERLIN, A.Ye.,inzh.; BESSKIY, K.A., inzh.; BLYUM, A.M., inzh.; BRAUN, I.V., inzh.; BRODSKIY, I.A., inzh.; BURAKAS, A.I., inzh.; VAYNMAN, I.Z., inzh.; VARSHAVSKIY, I.W., inzh.; VASIL'YEVA, A.A., inzh.; VORONIN, S.A., inzh.; VOYTSEKHOVSKIY, L,K., inzh.; VRUBLEVSKIY, A.A.,inzh.; GERSHMAN, S.G., inzh.; GOLUBYATNIKOV, G.A., inzh.; GOHLIN, M.Yu., inzh.; GRAMMATIKOV, A.N., inzh.; DASHEVSKIY, A.P., insh.; DIDKOVSKIY, I.L., insh.; DOBROVOL'SKIY, N.L., insh.; DROZDOV, P.F., kand. tekhn. muk,; KOZLOVSKIY, A.A., inzh.; KIRILENKO, V.G., inzh.; KOPELYANSKIY, G.D., kand. tekhn. nauk,; KORETSKIY, M.M., inzh.; KUKHARCHUK, I.N., inzh.; KUCHER, M.G., inzh.; MERZLYAK, M.V., inzh.; MIRONOV, V.V., inzh.; NOVITSKIY, G.V., inzh.; PADUN, N.M., inzh.; PANKHAT'YEV, N.B., ingh.; PARKHOMENKO, V.I., kand. biol. nauk.; PINSKIY, Ye.A., inzh.; POLLUBNYY, S.A., inzh.; PORAZHENKO, F.F., inzh.; PUZANOV. I.G., inzh.; REDIN, I.P. inzh.; HEZNIK, I.S., kand, tekhn. nauk.; ROGOVSKIY, L.V., inzh.; RUDERMAN, A.G., inzh.; RYBAL'SKIY, V.I., inzh.; SADOVNIKOV, I.S., insh.; SEVER' YANOV, N.N., kand. tekhn. nauk.; SEMESHKO, A.T., inzh.; SIMKIN. A.Kh., inzh.: SURDUTOVICH, I.N., inzh.; TROFIMOV, V.I., inzh.; FEFER, M.M., inzh.; FJALKOVSKIY, A.M., inzh.; FRISHMAN, M.S., inzh.; CHERESHNEV, V.A., inzh.; SHESTOV, B.S., inzh.; SHIYMAN, M.I., inzh.; SHUMYATSKIY, A.F., inzh.; SHCHERBAKOV, V.I., inzh.; STANCHENKO, I.K., otv. red.; LISHIN, G.L. inzh., red.: KRAVTSOV, Ye.P., inzh., red.; GRIGOR'YEV, G.V., red.; KAMINSKIY, D.N., red.; KRASOVSKIY, I.P., red.; LEYTMAN, L.Z., red. [deceased] .: GUREVICH, M.S., inzh., red.; DANILEVSKIY, A.S., inzh., red.; DEMIN, A.M., inzh., red.; KAGANOV, S.I., inzh., red.; KAUFMAN, B.N., kand. tekhn. nauk, red: LISTOPADOV, N.P., inzh., red.; MENDELEVICH, I.R., inzh., red.[deceased]; continued on next card)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

AGALINA, M.S.... (continued) Card 2.

PENTKOVSKIY, N.I., inzh., red.; ROZENBERG, B.M., inzh., red.; SLAVIN, D.S., inzh., red.; FEDOROV, M.P., inzh., red.; TSYMBAL, A.V., inzh., red.; SMIRNOV, L.V., red. izd-va.; PROZOROVSKAYA, V.L., tekhn. red. [Mining; an encyclopedic handbook] Gornoe delo; entsiklopedicheskii spravochnik. Moskva, Gos. nauchne-tekhn. izd-vo lit-ry pe ugol'noi promyshl. Vol. 3.[Organization of planning; Construction of surface buildings and structures] Organizatsiia proektirovaniia; Stroitel'stve zdanii i sooruzhenii na poverkhnosti shakht. 1958. 497 p. (MIRA 11:12) (Mining engineering) (Building)

SOV/62-58-8-14/22

AUTHORS:

Andrianov, K. A., Nikitenkov, V. Ye., Kukharchuk, L. A.,

Sokolov, N. N.

TITLE:

The Synthesis of Organosilicon Compounds With Phenylene-Siloxene Chains of the Molecules (Sinter kremnecrgenicheskikh

soyedineniy s femilensiloksannymi tsepyami molekul)

PERIODICAL:

Izvestiya Akademii nauk SSSR, Otdeleniye khimicheskikh nauk,

1958, Nr 8, pp. 1004-1006 (USSR)

ABSTRACT:

In the present report the authors describe the first representatives of the compounds with phenylene siloxane chains of the molecules surrounded by methyl groups. These were produced by the authors by means of the action of magnesium on p-dibromobenzene with a subsequent decomposition of the Grignard reagent by dimethyl dichlorosilane. As was found by the experiment the 1, 4-bis-(dimethyl chlorosilane) benzene was formed in the reaction carried cut. In the investigation of further reactions two condensation products were synthesized (condensation of 1,4-bis-(dimethyl chlorosilane) benzene). In preparing the monomers for the synthesis of compounds with

Card 1/2

CIA-RDP86-00513R000827230010-8" **APPROVED FOR RELEASE: 07/12/2001** 

The Synthesis of Organosilicon Compounds With Phenylene-Siloxane Chains of

phenylene silexane chains surrounded by methyl-phenyl groups, the 1,3-(methyl-phenylchloro) disilexane was separated which has hitherto not been described in publications.

ASSOCIATION:

Vsesoyuznyy elektrotekhnicheskiy institut im. V. I. Lenina (All-Union Institute of Electrical Engineering imeni V. I. Lenin

SUBMITTED:

March 1, 1958

Card 2/2

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

1 = 7 SMT(d)/SMD=2/SMP(1) Pc=4/Pq=4/P-41/Pk=: 11P(a)/AFTC(b) BB/99

ACCESSION NR: AP4049192

S/0102/64/000/005/0069/0074

A. . HORO Derkach, V. P. (Kiev); Kukharchuk, M. S. (Kiev)

Accuracy of conversion of a binary code into voltage by combining

currents

160

SOURCE: Avtomaty\*ka, no. 5, 1964, 69-74

TOPIC TAGS: code voltage conversion, digital analog conversion

ABSTRACT: Errors are estimated in the process of conversion of a binary code into a litage by means of combining equal currents in a binary ladder network painting of fixed resistors. An electron-tube switch with an improved current stabilization is considered. Various noise sources are avaluated quantitatively, and effect on the cutput voltage is estimated. Some experimental verification is carried. Orig. art. has: 6 figures and 16 formulas.

ASSOCIATION: none

SUBMITTED: 08Jul63

ENCL: 00

SUB CODE: DP NO REF SOV: 000

OTHER: 000

Card 1/1

KUKNARCHUK, N.N., inzh.

Technical and economic analysis of waste dump formation with plows.
Nauch. zap. Ukrniiproekta no.2:118-129 '60. (MIRA 15:1)
(Strip mining)

DALLTSKIY, M.L. (Kiyev); KURHARCHUK, N.M. (Kiyov)

Equations of the first order with functional derivatives.
Uke. rat. shur. 17 no.6:114-117 165. (MHA 19:1)

1. Submitted June 10, 1965.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

LEPILKIN, N.M., inzh.; AKSENOV, V.P., kand. tekhn. nauk; KUKHARCHUK, N.N., inzh.; KABYSH, V.L., inzh.; LYALIN, Yu.K., inzh.

Method of laying out quarries for the quarrying of rock products.

Gor. zhur. no.6:53-55 Je '65. (MIRA 18:7)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut ugol'noy, rudnoy, neftyanoy i gazovoy promyshlennosti UkrSSR, Kiyev.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

KUKHARCHUK, N.N., inzh.; SHPEKTOROV, Yu.Z., inzh.; BOGDANYUK, V.Ye., inzh.; SOLODNIKOVA, G.S., inzh.

Estimating the efficiency of using conveyor haulage in Rozdol sulfur pits. Nauch.zap.Ukrniiproekta no.5:131-138 '61. (MIRA 15 7)

(Rozdol region-Conveying machinery)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

When the distribution of classification of a long-range plan for the distribution of classification yards. Vest. TSNII plan for the distribution of classification (MIRA 18:9) MPS 24 no.6:56-59 \*65.

KUKHARCHUK, V. V.

Graudyn', N. I., <u>Kukharchuk. V. V.</u> and Kremneva, N. Ye. - "Study of the greder of meat from sheep," Shornik nauch. rabot (Vsesoyuz. nauch.-issled. in-t ovtsevodstva i kozevodstva), Issue 17, 1948, p. 151-73

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Stetey, No. 15, 1949)

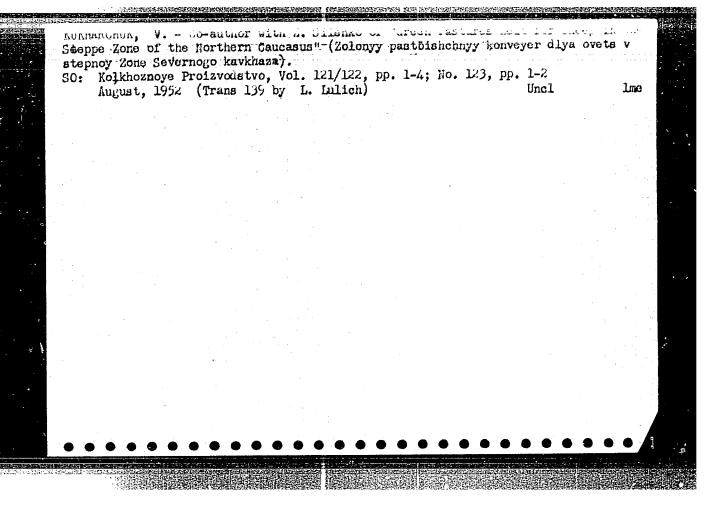
APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

Kukharchuk, V. V. - "Experimental verification in the norm of sheep feeding," Sbornik nauch. ratot (Vsesoyuz. nauch.-issled. in-t ovtsevodstva i kozovodstva), Issue 17, 1948, p. 174-96

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949.)

- 1. KUKHARCHUK, V. V.
- 2. USSR (600)
- 4. Caucasus, Northern Sheep Feeding and Feeding Stuffs
- 7. Green pasture feed supply for sheep in the steppe zone of Northern Caucasus. Dost. sel'khoz. no. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.



KUKHAKCHUK V.V.

SILENKO, Z. V.; KUKHARCHUK, V. V.

Caucasus, Northern - Feeding and Feeding Stuffs

Green fodder plan for sheep in the steppe zone of Northern Caucasus. Korm. baza 4, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Unclassified.

KUK MA COHUE, /. .

KUKHARCHUK, V. V. -- "Organization of Adequate Feeding of Lambs in the Steppe Areas of Stavropol' Kray." \*(Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions) All-Union Sci Res Inst of Animal Husbandry, All-Union Sci Res Inst of Sheep and Coat Breeding, Stavropol', 1954.

SO: Knizhnaya Letopis' No. 31, 30 July 1955.

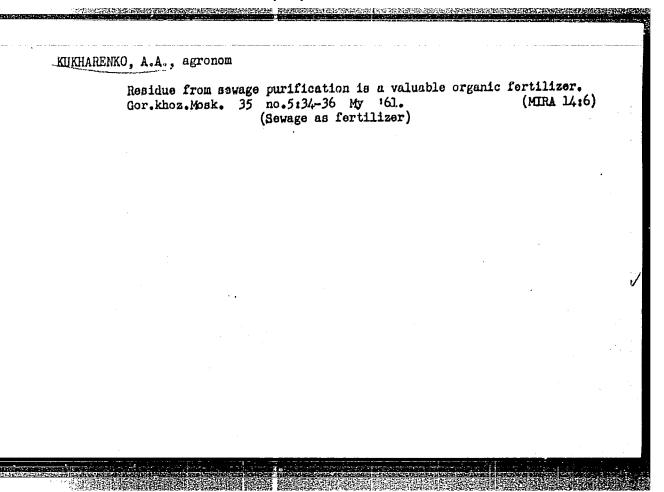
\*For the Degree of Candidate in Agricultural Sciences.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

KUKHARENKO. A.A., agronom; MEL'NIKOVA, O.M.

Utilizing waste water sedimentation in suburban farming and landscape gardening. Gor.khoz.Mosk.28 no.2:23-27 F '54. (MLRA 7:5)

(Sewage as fertilizer)

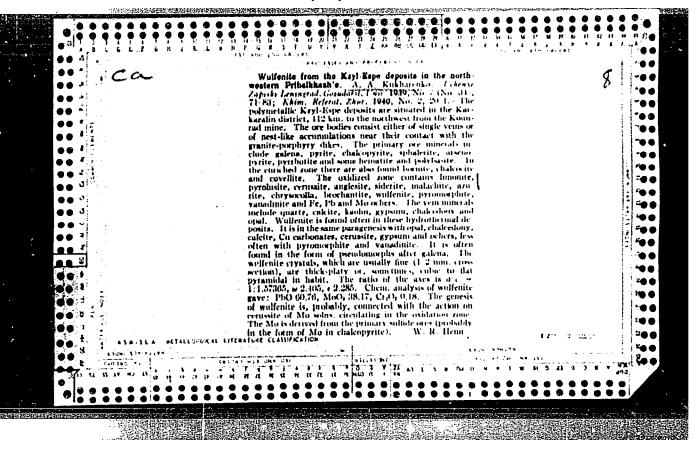


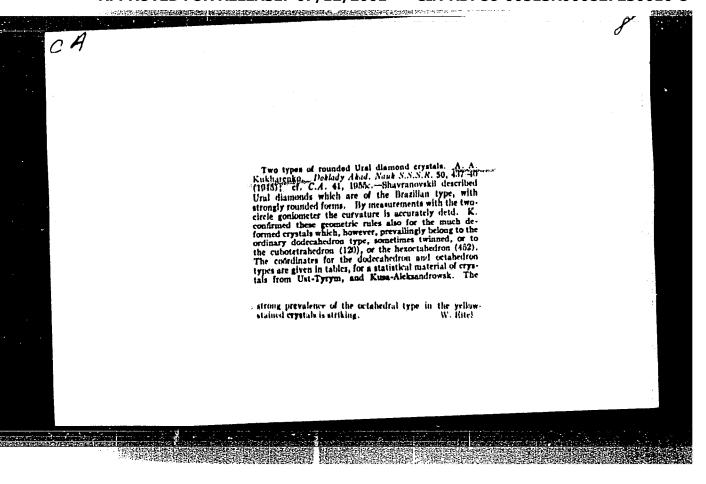
RUKHARENKO, A.A.; PODLESNYUK, N.S.

Best system for the operation of sedimentation basins. Vod.i sen.tekh. no.5:32-34 My '62. (MIRA 15:7)

(Water--Parification)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"





- 1. KUKHARENKO, A. A.
- 2. USSR (600)
- 4. Ural Mountains Mineralogy
- 7. Mineralogy of the diamond bearing deposits in the western slope of the Central Urals. (Abstract.) Izv.Glav.upr.geol.fon. no. 3, 1947

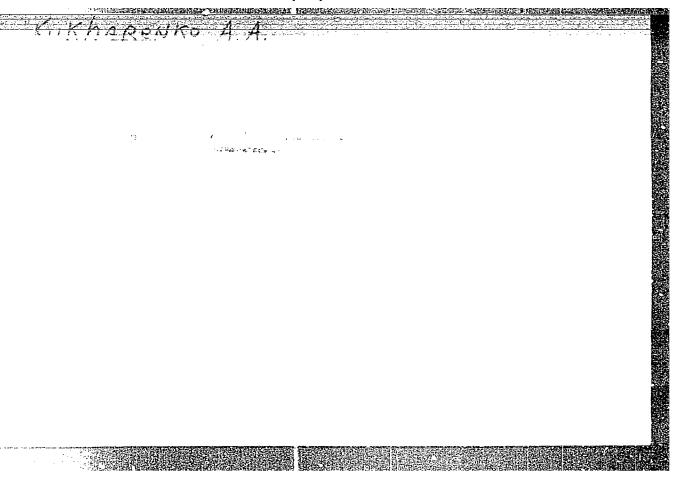
9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

Using the or formation of	ientation of pebbles t beach gravel. Nauch.b	o reconstruct a	.21:43-47
	ochvennyy kaful'tet. (Pebbles)		(MLRA 10:3)
		**************************************	

Chemical Abst. Vol. 48 No. 9 May 10, 1954 Mineralogical and Geological Chemistry	Alas date on florencit; and copinite. IV. A. Frank- Danspetski, A. Domkov, and V. Kurlov (A. A. Dedanov State Univ. Leningred). Zapitės Visiojas.  Mineralos, Obscheheiva (Mem. 50c. russe mineral.) 82. 297-301(1853); c. I.A. A. Kukharenkov Ibid. 80. 238 (1951); VA. N. Labigutsov, Triay Attractalog. Museya,  Akad. Nauk S.S.S.R. 1950, No. 2, 135-6.—The identity of florencite with "kotvinite" is shown by extensive optical, goniometric, And x-ray measurements. The florencite described by Prior and Hussek (Mineralog. Mag. 12, 244 (1900)) is somewhat different, with lower us, and d., and the same is true for stiepelmannite (cf. Ramdoltr and Thilo, G.A. 34, 2202). The minerals form an isomorphous series of rhombohedral symmetry. The unit cells of fluorencite
	and kolvinite: $a_0 = 0.900 \pm 0.000 \pm 0.000 + 10.001 \pm 0.001 + 0.001 $

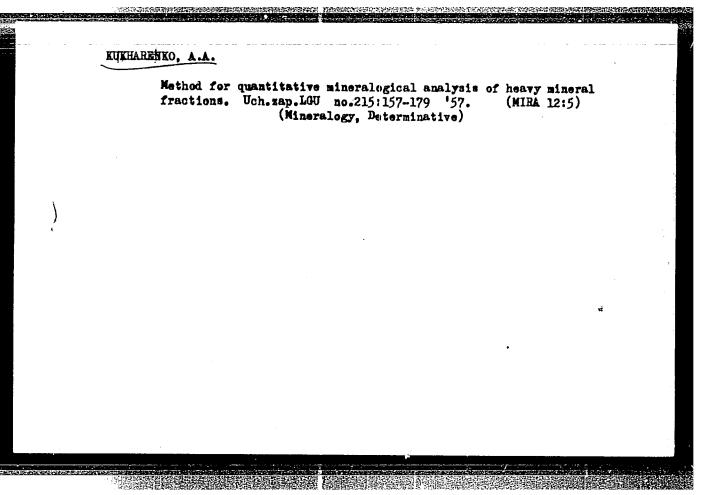
# KUKHARENKO, A.A. (Leningrad) Orientation of debris in stream deposits. Uch.zap.Len.un.no.159:59-92 153. (Sedimentation and deposition) (MIRA 9:6)



Recent data on the solution of diamond crystals. Uch.rap.
LGU no.215:108-134 '57. (MIRA 12:5)

(Diamonds)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"



# EUKHARENKO, A.A. Paleozoic complex of ultrabasic and alkali rocks in the Kola Peninsula and rare metal deposits. Zap. Vses. min. ob-va 87 no.3:304-314 158. (MIRA 11:10) (Kola Peninsula--Ore deposits)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

SOV/11-59-3-10/17

3(8)

AUTHORS: TITLE:

Volotovskaya, N.A., Kukharenko, A.A.

Types of Carbonatite Deposits and Their Relation to Masses of Ultrabasic-Alkaline Rock (O tipakh karbo-

natitovykh mestorozhdeniy i ikh svyazi s massivami

ul'traosnovnykh - shchelochnykh porod)

Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya, PERIODICAL:

1959, Nr 3, pp 110-112 (USSR)

The authors review the article with the above title, ABSTRACT:

published in the "Izvestiya Akademii nauk SSSR, Seriya geologicheskaye (News of the AS US Geological Series), Nr 5, 1957, by L.S. Borodin. of the AS USSR,

In the first section the article provides the general characteristics of carbonatites, predominantly from African deposits. The second section explains both the mechanism of forming complex masses of ultrabasicalkaline rock and the formation processes of carbona-

tites. These complex petrological problems were treated on the basis of ultrabasic-alkaline masses of

Card 1/3

Types of Carbonatite Deposits and Their Relation to Masses of Ultrabasic-Alkaline Rock

of the Kola Peninsula and of those in Northern Siberia. Decisive objections are raised to Borodin's statements on the origins of alkaline rock, their interrelations with ultrabasites, genesis of rare-metal mineralization, etc. The statement by L.S. Borodin on the origin of alkaline rock as a result of the hypothetical process of "nephelinization" of pyroxenites is proven by the fact that independent melteigite—ijolite intrusions, known within the bounds of the Southern Kandalaksha strip of the lower-Paleozoic masses of ultrabasic-alkaline rock, do, in fact, exist. The same holds true for Borodin's statement regarding the metasomatic nature of perovskite and apatite in ultrabasic rock of masses under discussion. The authors conclude that much remains unclear regarding the origin of rare-metal deposits, genetically con-

Card 2/3

Types of Carbonatite Deposits and Their Relation to Masses of Ultrabasic-Alkaline Rock

nected to magmatic complexes of ultrabasic-alkaline rock.

SUBMITTED: November 16, 1957

Card 3/3

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

KUKHARENKO, A.A.; KONDRAT'YEVA, V.V.; KOYYAZINA, V.M.

"Cafetite," a new hydrous calcium and iron titanate. Zap. Vses.mim. ob-va 88 no. 4:444-453 '59. (MIRA 12:11)

1. Deystvitel'nyy chlen Vsesoyuznogo mineralogicheskogo obshchestva (for Kukharenko).

(Kola Peninsula--Titanates)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

KUKHARENKO, A.A.; VAYNSHTEYH, E.Ye.; SHEVALEYEVSKIY, I.D.

The zirconium hafnium ratio in rock-forming pyroxenes and zirconium minerals of the Paleozoic complex of ultrabasic and alkaline rocks in the Kola Peninsula. Geokhimita no.7:610-617 '60. (NIRA 13:11)

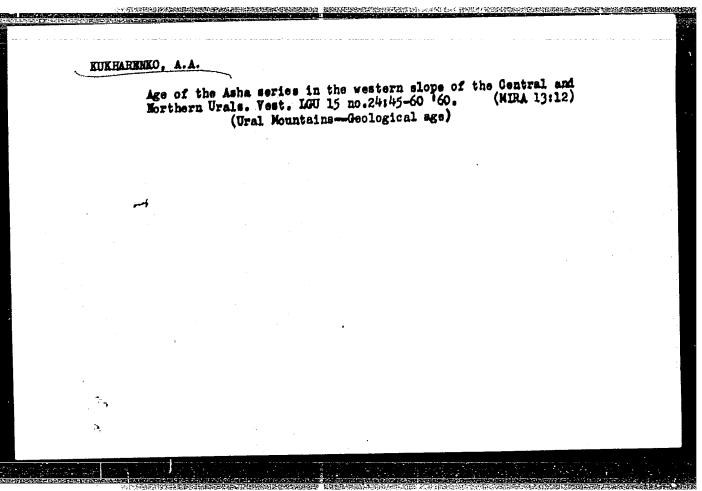
1. Chair of Geochemistry, Leningrad State University and V.I. Vernadsky Institute of Geochemistry and Analytical Chemistry, Academy of Sciences, U.S.S.R., Moscow.

(Kola Peninsula-Rocks, Igneous) (Zirconium)
(Hafnium)

KUKHARENKO, A.A.; SMIRNOV, Yu.D.

Stratigraphy and conditions of formation of the lower Paleozoic of the western slope of the Central Urals. Mat.VSECEI.Ob.ser. no.28:51-66 160. (MIRA 14:6)

(Ural Mountains—Geology, Stratigraphic)



BULAKH, A.G.; IL'INSKIY, G.A.; KUKHARENKO, A.A.

Zirkelite from deposits of the Kola Peninsula. Zap. Vses. min. ob-va
89 no.3:261-273 '60. (MIRA 13:8)

(Kola Peninsula--Zirkelite)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

SMIRNOV, Yu.D., KUKHARENKO, A.A.

Peridotites from the basin of the Ula River (Northern Urals) and their relation to the kimberlite group. Uch. zap. LGU no.291:64-90 (MIRA 13:7)

(Ula Valley--Peridotite)

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KUKHARENKO, A.A.; KHAVTSOV, Ya.M.

Geochemistry of zirconium and beryllium in ultrabasic alkaline rocks. Dokl.AM SSSR 134 no.4:931-934 0 '60. (MEA 13:9)

1. Leningradskiy gosudarstvennyy universitet im. A.A.Zhdanova.

Predstavleno akad. A.A.Polkanovum.

(Zirconium)

(Beryllium)

(Kola Peninsula--Rocks, Igneous)
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KUKHARENKO, Aleksandr Aleksandrovich; TATARSKIY, V.B., red.; POSPELOVA, A.M., red. izd-va; GUROVA, O.A., tekhm. red.

[Minerology of placer deposits] Mineralogiia rossypei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1961. 316 p. (MIRA 14°11)

TARUSHKOVA, N.N.; KUKHARENKO, A.A.; TATARSKIY, V.B., red.; GOL'DBERG, R.Ya., red. izd-va; GUROVA, O.A., tekhm. red.

[Atlas of placer minerals] Atlas mineralov rossypei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 435 p. (MIRA 14:11)

(Minerals)

s/081/62/000/005/022/112

AUTHORS:

Kukharenko, A. A., Skrizhinskaya, V. I., Vaynshteyn, E. Ye.,

Kakhana, M. M.

TITLE:

Geochemistry of niobium and tantalum in the complexes of

ultrabasic-alkali rocks

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 5, 1962, 122-123,

abstract 5046 (Zap. Vses. mineralog. o-va, v. 90, no. 2,

1961, 172-192)

TEXT: Certain regularities of Nb and Ta behavior in the formation process of the ultrabasic-alkali intrusions of the Kola Peninsula are considered. Numerous chemical and spectral analyses of rocks and minerals have established that Nb and Ta are characteristic elements of the given complexes. The average contents of these in the massifs of the Kola

Peninsula fluctuate within the range: 1.34-5.18.10-2 % Nb and 1.32-5.96.10-3 % Ta. The character of Nb and Ta distribution and the forms of their occurrence are different for various stages of massif Card 1/2

S/081/62/000/005/022/112 B149/B101

Geochemistry of niobium and tantalum in ...

formation. Data are supplied regarding the contents of Nb<sub>2</sub>O<sub>5</sub> and Ta<sub>2</sub>O<sub>5</sub> in 138 specimens of minerals from these rocks (pyroxene, hornblende, phlogopite, melanite, schorlomite, sphene, titanomagnetite, perovskite, baddeleyite, pyrochlore, zirkelite, natroniobite, dysanalyte). During the initial stages of the massifs' formation Nb and Ta do not form individual minerals, but are endocryptically seized by the rockforming silicates and compound oxides of Ti; the process of minerogenesis Ta precedes Nb. In the products of residual crystallization (pegmatites) of a given magma, these elements form individual minerals (pyrochlore) or appear as components of compound oxides of Zr and Ti (baddeleyite, dysanalite). During the post-magmatic stage the various metasomatic processes bring about their local concentrations. Greater mobility of No than Ta is established. The separation of Nb and Ta is conditioned by the factor of crystallo-chemical selection resulting in selective endocryptic position of Ta in structures of Zr-minerals, and collection in the complex oxides with reduced coordination ratio. [Abstracter's note: Complete translation.]

Card 2/2

KUKHARENKO, A.A.; EULAKH, A.G.; BAKLANOVA, K.A.

Sulfate-monazite from the carbonstites of the Kols Peninsuls. Zap.
Vses.min,ob-va 90 no.4:373-381 '61. (MIRA 14:9)

(Kola Peninsula--Monazite)

KUKHAREHKO, A.A.; FRANK-KAMENETSKIY, V.A.; SHAFRANOVSKIY, I.I.

"Minerals," Vol.l. Reviewed by A.A. Kukharenko, V.A. FrankKamenetskii, I.I. Shafranovskii. Zap.Vees.min.ob-va 90 no.5:
(MIRA 14:10)

(Mineralogy, Determinative)

Cenesis of carbonatites. Geol.rud.mestorozh. no.2:32-47 Mr-Ap
162. (MIRA 15:4)

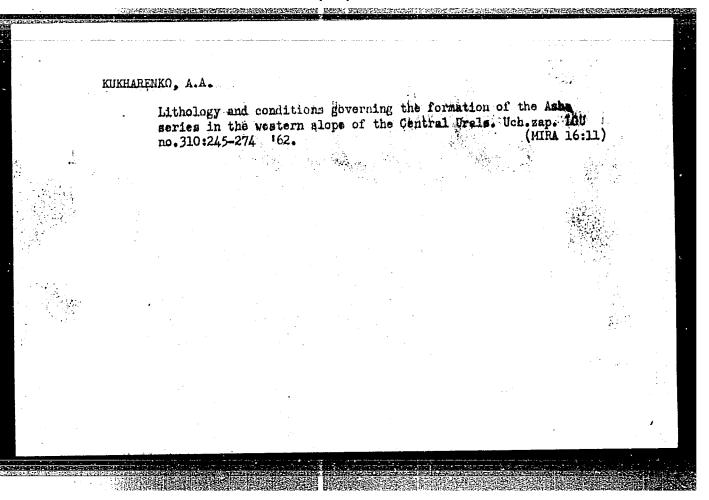
1. Leningradskiy gosudarstvennyy universitet i Institut geologii
rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN
SSSR, Moskva. (Kola Peninsula—Carbonatites)

KUKHAHENKO, A.A.; KLER, M.M.

Geochemistry of scandium in alkali-ultrabasic rocks of the Kola
Peninsula and Karelia. Zap, Vses.min.ob-va 9l no.5:520-536 '62.

(MIRA 15:11)

(Kola Peninsula-Scandium) (Karelia-Scandium)

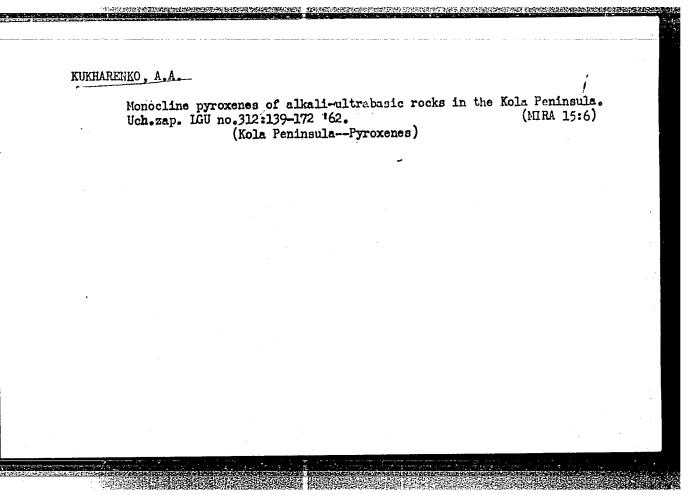


KUKHARENKO, A.A.; BAGDASAROV, E.A.

Crystallochemical characteristics and the paragenesis of titanium garnets from alkali-ultrabasic rocks of the Kola Peninsuia. Uch.zap.

LGU no.312:115-138 '62.

(Kola Peninsula—Titamium) (Kola Penisnula—Garnet)



ORIOVA, M.P.; KUKHARENKO, A.A.

Melilite from alkali-ultrabasic massifs of the Kola Peninsula. Uch.zap.
IGU no.312:173-189 '62. (MIRA 15:6)

(Kola Peninsula—Melilites)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

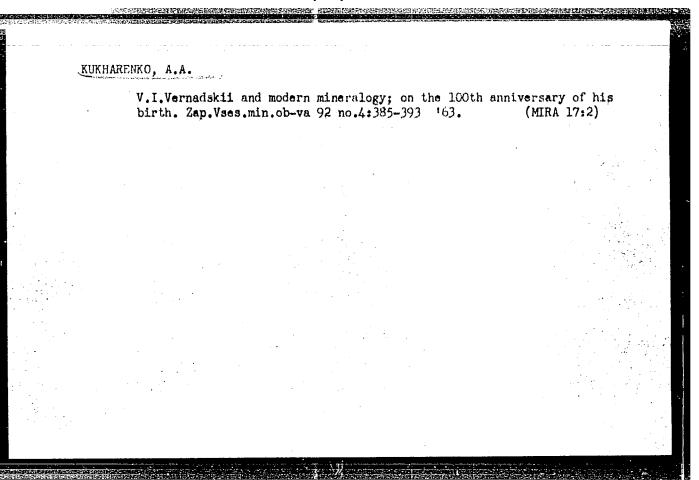
## MUKHARENKO, A.A. Basic problems of the geology of the platform alkali-ultrabasic rock complexes. Uch.zap. LGU no.321:83-93 '62. (MIRA 15:6) (Ultrabasite)

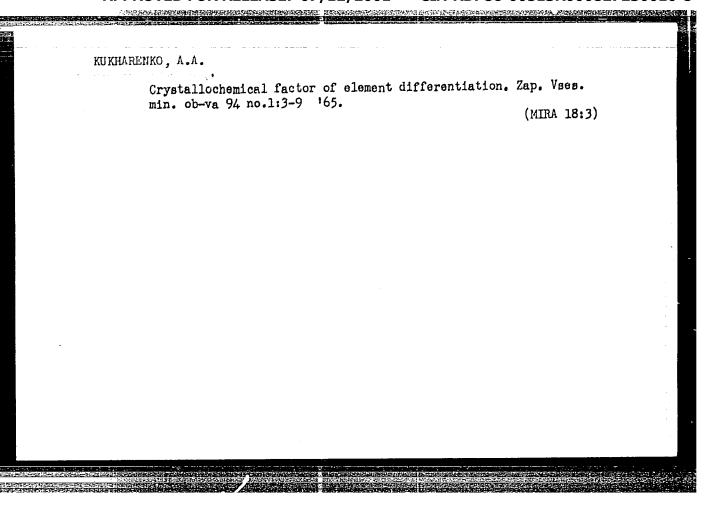
# KUKHARENKO, A.A. Geochemistry of zirconium and hafnium in alkali-ultrabasic igneous complexes. Vop. magm. i metam. 1:108-124 '63. (MIRA 16:8) (Kola Peninsula—Zirconium) (Karelia—Zirconium) (Karelia—Hafnium) (Kola Peninsula—Hafnium)

KUKHARENKO, A.A.; FRANK-KAMENETSKII, V.A.; SHAFRANOVSKIY, I.I.

Once more on the reference book "Minerals"; a review. Zap.Vses.min.ob-va
92 no.1:108-111 '63. (Minerals)

(Minerals)





KUKHARENKO, A.A.; FAFURINA, E.N.; YAKEMOVA, P.P.; YAKOVLEVA, S.S.

Geochemistry of rare-earth elements in the alkali-ultratasic rocks of the Kola Peninsula and Karelia. Min. i geokhim. no.1:211-236
164. (MIRA 18:9)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

KUKHARESYO, A.A.; MURAV'YEVA, L.P.

Geochemistry of scandium in the alkali gabbroids of Karelia.
Min. i geokhim. no.1:181-191 '64. (MIRA 18:9)

TATARSKIT, Vitaliy Borisovich; KUKHARINKO, E. J. red.

[Crystal optics and the immersion method for studying] Kristallooptika i immersionryi metod issledovania mineralov. Moskva, Nedra, 1965. 305 p. (MIRA 18:12)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

ALYAVDIN, V.F.; BONSHTEDT-KUPLETSKAYA, E.M.; GODLEVSKIY, M.N., doktor geol-mineral.nauk; KOMKOV, A.I.; KUKHARENKO A.A., prof.; SAL'DAU, E.P.; SMOL'YANINOVA, N.N.; BORNEMAN-STARYNKEVICH, I.D.; TATARSKIY, V.B., prof.; FRANK-KAMENETSKIY, V.A.

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From the Commission on New Minerals of the Minerological Society of the U.S.S.R. Zap. Vses.min.ob-va 94 no.5:555565 165. (MIRA 18:11)

1. Komissiya po novym mineralam Vsesoyuznogo mineralogicheskogo obshchestva. 2. Predsedatel' Komissii po novym mineralam Vsesoyuznogo mineralogicheskogo obshchestva (for Frank-Kamenetskiy). 3. Zamestitel' predsedatelya Komissii po novym mineralam Vsesoyuznogo mineralogicheskogo obshchestva (for Bonshtedt-Kupletskaya). 4. Sekretar' Komissii po novym mineralam Vsesoyuznogo mineralogicheskogo obshchestva (for Sal'dau).

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

KUKHABENKO A. Roy inzh.; MENDELEVICH, G.Sh., inzh.

Nomograms for determining transformer losses. Mekh.i elek.sots.sel'khoz. 16 no.5:45 '58. (MIRA 11:11)

 Stalingradskoye otdeleniye Tyazhpromelektroproyekta. (Nomography(Mathematics)) (Electric transformers)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827230010-8"

Areyev, Yu. A. (Moscow); Khikharenko, A. T. (Moscow)  Quasi-one-dimensional motion of a plasma in crossed electric and magnetic  Plofizika vysokikh temperatur, v. 3, no. 1, 1055, 86-101  magnetohydrodynamics, mhd generator, plasma motion, plasma field in-		" '! ) 'gp='-''fwc(m\/EPA(u\-2	Pr-4 (D 1 (Dah-1) (D)-4	IJP(c) JW/AI
Quasi-one-dimensional motion of a plasma in crossed electric and magnetic of logicities the electric and magnetic of logicities the electric and magnetic of logicities and electric and magnetic of logicities and electric and magnetic of logicities and electric and magnetohydrodynamics, magnetohydrodynamic of logicities and lyses of the motion of a plasma in magnetohydrodynamic channels are based on the assumption and mach number, constant velocity, or other simplifying assumptions.  The motion of mach number and to encode all provides the required of variation of the main parameters. To this end they consider a quasi-  the variation of the main parameters. To this end they consider a quasi-  the of ionized and in crasumely a section is			9-2 × 1 × 3	#01 (00 <del>00/</del> -\0101
Quasi-one-dimensional motion of a plasma in crossed electric and magnetic  [1] [1] [1] [2] [2] [3] [4] [4] [5] [6] [6] [6] [6] [6] [6] [6] [6] [6] [6	· · ·	reyer, Yu. A. (Moscow); Kukharenko	, A. T. (Moscow)	تنو
magnetohydrodynamics, mhd generator, plasma motion, plasma field in- eraction  Relevant it is pointed out in the introduction that rost published analyses of the motion of a plasma in magnetohydrodynamic channels are based on the assumption and Mach number, constant velocity, or other simplifying assumptions.  Ave therefore indertaken to analyze a sufficiently heree plass of oper- ave therefore indertaken to analyze a sufficiently heree plass of oper- ave therefore indertaken to analyze a sufficiently heree plass of oper- ave tions of mid channels and to choose an increase the required and to variation of the main parameters. To this and they consider a quasi- ave to of innized gas in channels.	(स्टाह्यः <b>१</b> ५६	usi-one-dimensional motion of a pl	asma in crossed electric	and magnetic
eraction  document: It is pointed out in the introduction test realistiched analyses of the motion of a plasma in magnetohydrodynamic channels are based on the assumption and Mach number, constant velocity, or other simplifying assumptions.  Ave therefore indertaken to analyze a profit of the required contions of much channels and to choose an interest of required variation of the main parameters. To this work town consider a quasities of operation of finized and in granuels.	ı	m lofizika vysokikh temperatur, v.	3, no. 1, 1755, 86-101	
the motion of a plasma in magnetohydrodynamic or other simplifying assumptions.  Anti-Mach number, constant velocity, or other simplifying assumptions.  Ave therefore ordertaken to analyze a confidently large class of operave therefore ordered and to choose an include the required continue of much channels and to choose an include the consider a quasi-  if variation of the main parameters. To this end they consider a quasi-  tention of innized gas in granuels.			Alearn mortion nia	gma field in-
	eraction			

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6/0 Card 2/2		